

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,982,422 B2  
APPLICATION NO. : 10/781842  
DATED : January 3, 2006  
INVENTOR(S) : Noriyuki Kaifu et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [56] REFERENCES CITED:

Other Publications, after "extended Abstracts of the 15th Conference on Solid State Devices and Materials", "ISBN 4-930812-04-2," should read --ISBN 4-930813-04-2,--.

ON THE TITLE PAGE [60]:

Related U.S. Application Data, "Division of application No. 10/184,897." should read --Division of application No. 10/184,879,--.

COLUMN 1:

Line 6, "This application" should read --This application is a division of application Ser. No. 10/184,879, filed on Jul. 1, 2002, now abandoned, which--; and  
Line 32, "so-called a" should read --a so-called--.

COLUMN 2:

Line 32, "introduce" should read --introducing-- and "and" should be deleted;  
and  
Line 36, "to" should read --of--.

COLUMN 3:

Line 49, "an" should read --a--.

COLUMN 6:

Line 21, "passing" should read --pass--; and  
Line 56, "a" should read --an--.

COLUMN 7:

Line 4, "moves" should read --move--; and  
Line 49, "i layer 4" should read --i-layer 4--.

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COLUMN 8:

Line 1, "Is" should read --I<sub>s</sub>--.

COLUMN 11:

Line 2, "passing" should read --pass--.

COLUMN 12:

Line 53, "a" should read --an--.

COLUMN 14:

Line 16, "moves" should read --move--; and  
Line 49, "state i" should read --state. I<sub>s</sub>--.

COLUMN 18:

Line 13, "unnecessary" should read --and unnecessary--; and  
Line 23, "each" should read --from each--.

COLUMN 20:

Line 42, "unnecessary" should read --and unnecessary--; and  
Line 53, "each" should read --from each--.

COLUMN 22:

Line 31, "unnecessary" should read --and unnecessary--; and  
Line 36, "is" should read --are--; and  
Line 42, "each" should read --from each--.

COLUMN 23:

Line 27, "Rf13" should read --Rf13--;  
Line 32, "Rel3" should read --Rel3--; and  
Line 62, "output" should read --outputs--.

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COLUMN 24:

Line 28, "an" should read --a--.

COLUMN 26:

Line 39, "an" should read --a--; and  
Line 63, "an" should read --a--.

COLUMN 27:

Line 6, "shown;" should read --shown:--;  
Line 17, "to use" should be deleted;  
Line 19, "circuit in" should read --circuit--; and  
Line 20, "the enclosed" should read --enclosed--.

COLUMN 28:

Line 59, "is an" should read --are--.

COLUMN 29:

Line 46, "an enough long" should read --a long enough--.

COLUMN 30:

Line 22, "mean" should read --means--.

COLUMN 33:

Line 16, "fist" should read --first--.

COLUMN 40:

Line 58, "Of" should read --of--.

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COLUMN 42:

Line 15, "C10" should read --C100--;  
Line 26, "read out" should read --readout--; and  
Line 50, "an" should read --a--.

COLUMN 45:

Line 47, "to" should read --into--; and  
Line 62, "an" should read --a--.

COLUMN 47:

Line 44, "this" should read --the 18th--.

COLUMN 49:

Line 37, "refresh-TFTs F1 to F9." should read --refresh TFTs R1 to R9.--.

COLUMN 51:

Line 2, "an" should read --a--.

COLUMN 53:

Line 52, "an" should read --a--; and  
Line 65, "18 and 19" should read --18th and 19th--.

COLUMN 54:

Line 1, "[21th Embodiment]" should read --[21st Embodiment]--;  
Line 31, "two-dimentionally" should read --two-dimensionally--; and  
Line 39, "Sift" should read --Shift--.

COLUMN 55:

Line 21, "sift" should read --shift--; and  
Line 52, "phosphor" should read --phosphor 6030--.

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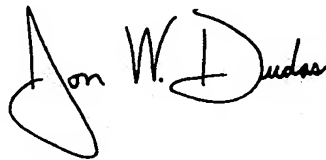
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 58:

Line 12, "it" should read --and it--.

Signed and Sealed this

Seventeenth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*